(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



A TRANCO DI MODELI, NO BURNO NINE RATIO REPORT DEN E DE MARCHA MODE COLOR MODE CORRESPONDE DURANTE MODELINA DE

(43) International Publication Date 3 March 2005 (03.03.2005)

PCT

(10) International Publication Number WO 2005/020178 A1

(51) International Patent Classification7: G01S 7/285, G08B 1/08, 21/00

G08C 17/02,

(21) International Application Number:

PCT/CA2004/001504

(22) International Filing Date: 20 August 2004 (20.08.2004)

(25) Filing Language:

(26) Publication Language:

English

(30) Priority Data: 60/497,017

22 August 2003 (22.08.2003)

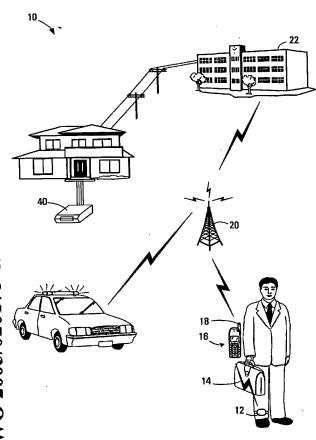
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,ZW.

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(54) Title: ELECTRONIC LOCATION MONITORING SYSTEM



(57) Abstract: A method and apparatus for operating a monitoring unit operable to receive signals from a mobile transmitter in an electronic location monitoring system involves causing a first receiver to change a signal reception threshold thereof for receiving signals from the mobile transmitter, in response to proximity of the monitoring unit relative to a reference position whereby the receiver rejects signals received from the mobile transmitter that have a signal strength below the signal reception threshold and receives and processes signals received from the mobile transmitter that have a signal strength above the signal reception threshold. Alternatively, detection of a first monitoring unit in proximity to a second monitoring unit may cause the second monitoring unit to take over receiving signals from the mobile transmitter while the first monitoring unit is put into a low power mode.

WO 2005/020178 A1



before the expiration of the time limit for amending the

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

claims and to be republished in the event of receipt of amendments

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— of inventorship (Rule 4.17(iv)) for US only

Published:

with international search report